

102.2 Cobalt Base Alloys (chip and disk forms)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Elemental Composition (mass fraction, in %)

SRM	Description	C	Mn	P	S	Si	Cu	Ni	Cr	V	Fe	W	Co	N	Al	Ta	Nb	B
862	High Temperature Alloy L605 (chip) (100 g)	0.120	1.59	0.002	0.0008	0.017	0.0010	9.74	20.0	0.005	1.80	15.1	51.5	0.026	(<0.01)	(<0.01)	(<0.005)	(<0.0001)
1242	High Temperature Alloy L605 (disk)	0.126	1.58	0.002	0.0007	0.016	0.0010	9.78	20.0	0.005	1.80	15.1	51.5	0.026	(<0.01)	(<0.01)	(<0.005)	(<0.0001)
1775	Refractory Alloy MP 35N (disk)	0.0051	0.0121	0.0006	0.0013	0.02	0.0046	34.91	20.4	0.0095	0.91	0.02	33.3	0.002	0.024	---	0.03	0.0097
2175	Refractory Alloy MP 35N (chip) (50 g)	0.0051	0.0121	0.0006	0.0013	0.02	0.0046	34.91	20.4	0.0095	0.91	0.02	33.3	0.002	0.024	---	0.03	0.0097

Values in parentheses are not certified and are given for information only.